

	Hits	Search Text	DBs
1	49	(("6687557") or ("6253193") or ("6363488") or ("6389402") or ("6427140") or ("6332135") or ("6336105") or ("6338050") or ("5430873") or ("5949999") or ("5359707") or ("5848271") or ("5924109") or ("6085206") or ("6292830") or ("4629980") or ("4441153") or ("5621569") or ("6219742") or ("6219742") or ("5546517") or ("5675745") or ("6098047") or ("5424945") or ("5434933") or ("5649192") or ("5694594") or ("5732200") or ("5991469") or ("6292812") or ("5191534") or ("5463773") or ("6340664") or ("5472097") or ("6128626") or ("4315696") or ("4592543") or ("4625958") or ("4791451") or ("5202556") or ("5346255") or ("5435426") or ("5438910") or ("5662191") or ("5697261") or ("5826915") or ("5982931") or ("5991782") or ("6161594") or ("6164713")) .PN.	USPAT; USOCR

	Hits	Search Text	DBs
2	16280	((707/1-10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.	USPAT; USOCR
3	13978	relational with database\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
4	9845	(relational with database\$1) and (@ad < "20011018")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	16280	((707/1-10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.	USPAT; USOCR

	Hits	Search Text	DBs
6	2987	((relational with database\$1) and (@ad < "20011018")) and (((707/1-10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
7	2851	((relational with database\$1) and (@ad < "20011018")) and (((707/1-10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.)) and (table\$1 or entit\$3 or relation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
8	345	(((relational with database\$1) and (@ad < "20011018")) and (((707/1-10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.)) and (table\$1 or entit\$3 or relation\$1)) and dictionary\$3 and data and match\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
9	310	(((relational with database\$1) and (@ad < "20011018")) and (((707/1-10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.)) and (table\$1 or entit\$3 or relation\$1)) and dictionary\$3 and data and match\$4) and chang\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
10	142	((((((relational with database\$1) and (@ad < "20011018")) and (((707/1-10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.)) and (table\$1 or entit\$3 or relation\$1)) and dictionar\$3 and data and match\$4) and chang\$4) and null\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
11	116	((((((relational with database\$1) and (@ad < "20011018")) and (((707/1-10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.)) and (table\$1 or entit\$3 or relation\$1)) and dictionar\$3 and data and match\$4) and chang\$4) and null\$1) and compar\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
12	18	(((((((relational with database\$1) and (@ad < "20011018")) and (((707/1- 10) or (707/100-104.1) or (705/1) or (705/50-53) or (705/7) or (705/26) or (705/57) or (705/80) or (715/501.1) or (715/511) or (715/513) or (715/517) or (715/530-533) or (271/8.1) or (271/226-227) or (345/700) or (345/751) or (382/312) or (382/317)).CCLS.)) and (table\$1 or entit\$3 or relation\$1)) and dictionar\$3 and data and match\$4) and chang\$4) and null\$1) and (compar\$4 with table\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
1	1838	bill near2 material\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
2	0	"bill of material" or "bill or materials"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
3	3	"approved manufacturing list"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
4	38	approved near2 manufactur\$3 near2 list\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	15	l1 and l4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
6	5	l5 and (@ad < "20011018")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
7	0	16 and dictionar\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
8	5	16 and list\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
9	2	18 and version\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
10	2	19 and design\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
11	25	(new near2 version\$1) and (old near2 version\$1) and dictionar\$3 and (relational with database\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
12	82	(new\$4 near2 version\$1) and (old\$4 near2 version\$1) and dictionar\$3 and (relational with database\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB



	Hits	Search Text	DBs
13	52	l12 and (design\$5 near5 (document\$1 or file\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
14	42	l13 and null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
15	35	l14 and (validat\$4 with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
16	31	l15 and ((updat\$4 or chang\$4 or modif\$5) with dictionar\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
17	31	l16 and table\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
18	31	l17 and (@ad < "20011018")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
19	0	11 and 118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
20	31	118 and manufactur\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

10/037,544

Set	Items	Description
S1	721610	TABLE? OR MATRIX? OR LIST? ? OR CHART? ? OR GRAPH? ? OR TU- PLE? OR SPREADSHEET?
S2	3777	(NEW OR REVIS? OR NEWER OR LATEST OR LAST OR MOST()RECENT?- ) (3N)S1
S3	393	S1(3N) (OLDER OR OLDEST OR PAST OR EXPIRED OR INVALID OR UN- REVISE?)
S4	22966	DICTIONAR? OR LEXICON? OR (WORD OR WORDS OR TERM OR TERMS - OR PHRASE?) () (LIST OR LISTS OR DATABASE? OR DB OR OODB OR DAT- A() (BASE? OR BANK?) )
S5	0	S2 AND S3 AND S4
S6	34	S2 AND S4
S7	2	S3 AND S4
S8	1094	S4 AND (VERSION? OR UPDAT? OR UP() (DATE? OR DATING) OR REV- IS?)
S9	317	S8 AND (DOCUMENT? OR DATABASE? OR DB OR OODB OR RDB OR DAT- A() (BASE? OR BANK?) OR DATABANK?)
S10	8662	(DOCUMENT? OR DATABASE? OR DB OR DBS OR OODB? OR RDB? OR D- ATA() (BASE? OR BANK?) OR DATABANK? OR RECORD? ? OR PLAN OR PL- ANS OR DESIGN) (3N) (VERSION? OR UPDAT? OR UP() (DATE? OR DATING) OR REVIS)
S11	89	S10 AND S4
S12	21	S1 AND S11
S13	56	S6 OR S7 OR S12
S14	48	S13 AND IC=G06F?
S15	31	S14 AND IC=(G06F-017? OR G06F-012?)
S16	27	S15 NOT AD>20011221

File 347:JAPIO Nov 1976-2004/Nov(Updated 050309)

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200519

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16/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06712773 \*\*Image available\*\*  
INFORMATION PROCESSOR

PUB. NO.: 2000-298607 [JP 2000298607 A]  
PUBLISHED: October 24, 2000 (20001024)  
INVENTOR(s): KASHIO TOSHIO  
APPLICANT(s): CASIO COMPUT CO LTD  
APPL. NO.: 2000-083873 [JP 200083873]  
Division of 63-175401 [JP 51175401]  
FILED: July 14, 1988 (19880714)  
INTL CLASS: G06F-012/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To automatically perform file update processing on the basis of a unified **record** for file **update** by generating the **record** for file **update** from an input **record** inputted in a user's optional form on the basis optionally set record designation data.

SOLUTION: This processor is provided with an input record designation memory 16 which designates the correspondence of each word of an input record and each word of a record constituting a file and a **word list** and records optionally set record designation data, a basic record designation memory 17, an **update record** generating device 14 which extracts the words designated by the record designation data from the input record and generates a **record** for file **update** by arranging it in a prescribed word order according to the **list** of the designated words and a file update processor 15 which updates the file on the basis of the record generated by the device 14.

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16/5/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

05690792 \*\*Image available\*\*  
INFORMATION PROCESSING METHOD

PUB. NO.: 09-305592 [JP 9305592 A]  
PUBLISHED: November 28, 1997 (19971128)  
INVENTOR(s): NARA YASUMICHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
HITACHI TAGA ENG LTD [472488] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 08-117327 [JP 96117327]  
FILED: May 13, 1996 (19960513)  
INTL CLASS: [6] G06F-017/22 ; G06F-017/21  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R139 (INFORMATION PROCESSING -- Word Processors)

#### ABSTRACT

PROBLEM TO BE SOLVED: To eliminate the conversion and input errors of the postal code and to unnecessitate the time for conversion of a postal code by automatically outputting code data according to changed conversion information when the conversion information is changed by prepared code data.

SOLUTION: A postal code update part 113 compares the sent **dictionary** version information with the **dictionary version** of a **record**. When these **versions** are equal or the **dictionary version** in the obtained **record** is newer, the obtained record is sent to a print control part 108. When the **dictionary version** in the **record** obtained from a **dictionary table** inside a storage device 109 is older, the address in the obtained record is retrieved and the postal code is obtained. Then, a record control part 107 retrieves a **dictionary table** 112 inside the storage device 109 based on the sent address data and obtains the postal code corresponding to the same address. Further, the postal code update part 113 changes the postal code of the obtained record to the obtained postal code, sends the record to the print control part and prints it.

16/5/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2005 JPO & JAPIO. All rts. reserv.

05307990 \*\*Image available\*\*  
LEGAL DOCUMENT UPDATING SYSTEM

PUB. NO.: 08-263490 [JP 8263490 A]  
PUBLISHED: October 11, 1996 (19961011)  
INVENTOR(s): ONO TOSHIKO  
ASHIZAWA MINORU  
KAJI HIROYUKI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-065419 [JP 9565419]  
FILED: March 24, 1995 (19950324)  
INTL CLASS: [6] G06F-017/24 ; G06F-012/00  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2  
(INFORMATION PROCESSING -- Memory Units)

#### ABSTRACT

PURPOSE: To update former laws and regulations into new laws and regulations only with the names of revised laws and regulations by preparing new legal text data by analyzing instructed phrases in legal text data to be revised and editing extracted former legal text data.

CONSTITUTION: While referring to a regal file name **table** in a legal data base 30, a CPU 10 possesses a file name corresponding to the inputted name of laws and regulations to be revised and reads the correspondent legal text data to be revised into a memory 20. Next, the CPU 10 possesses the name of laws and regulation as a revising object while using a **dictionary** for pattern matching and a legal name declaration sentence pattern and reads the former legal text data into the memory 20. Then, the instructed phrases and the contents to be revised extracted from the legal text data to be revised are analyzed while using this **dictionary** and the pattern **table** of instructed phrases and sentences to be **revised**, and the respective **tables** are updated. Further, the former legal text data are edited according to these contents to be revised, the new legal text data are prepared and displayed on a display 40.

16/5/13 (Item 13 from file: 347)  
DIALOG(R) File 347: JAPIO  
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03901038 \*\*Image available\*\*  
UPDATE PROCESSING SYSTEM

PUB. NO.: 04-266138 [JP 4266138 A]  
PUBLISHED: September 22, 1992 (19920922)  
INVENTOR(s): KAWAMURA KAZUYOSHI  
APPLICANT(s): NEC SOFTWARE LTD [491061] (A Japanese Company or Corporation)  
, JP (Japan)  
APPL. NO.: 03-026995 [JP 9126995]  
FILED: February 21, 1991 (19910221)  
INTL CLASS: [5] G06F-012/00 ; G06F-015/40  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4  
(INFORMATION PROCESSING -- Computer Applications)  
JOURNAL: Section: P, Section No. 1480, Vol. 17, No. 54, Pg. 99,  
February 03, 1993 (19930203)

#### ABSTRACT

PURPOSE: To assure the matching properties of a data base without overlooking a necessary **table** despite a large updated variable by referring to a **dictionary**.

CONSTITUTION: Following are provided: an input means 1 to interactively input a parameter consisting of an updated item name and the values set before and after the updating together with a **dictionary** storage means 2 which stores the information necessary for control of a relational data base, a **dictionary** reference means 3 which inputs the information on a **table** including the updated item name through the means 2 based on the parameter inputted from the means 1, a relational data base storage means 4 which has a data base consisting of the **table** and the **table** defining information, a **table** selection means 5 which selects a **table** to be updated with reception of the information on the means 3 and inputs the **table** defining information through the means 4, a record retrieving means 6 which obtains a **record** to be **updated** based on the information received from both means 1 and 5, and a **record updating** means 7 which **updates** the **record** obtained by the means 6 into the updated value inputted from the means 1.

16/5/15 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015266476 \*\*Image available\*\*  
WPI Acc No: 2003-327405/200331  
XRPX Acc No: N03-261698

Advertisement database updating method for online yellow pages,  
involves constructing updated copy of term list including identifier  
indexing to primary database , for producing updated copy of  
advertisement repository

Patent Assignee: VERIZON LAB INC (VERI-N)  
Inventor: GETCHIUS J; MORTAZAVI A; SIVASANKARAN R; VENUGOPAL R  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6493721	B1	20021210	US 99283820	A	19990331	200331 B

Priority Applications (No Type Date): US 99283820 A 19990331

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6493721	B1	107	G06F-017/00	

Abstract (Basic): US 6493721 B1

NOVELTY - An advertisement repository having text and non-text data is updated based on modified advertisement. Updated **term lists** is provided, which have identifier indexing into primary **database** . Updated copy of **term lists** is constructed to produce another copy of advertisement repository. Denormalized form of primary **database** is updated such that updated advertisement and identifiers are made available for use.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) method for publishing updated advertisement; and
- (2) computer program product for publishing advertisement updates.

USE - Used to **update** advertisement **database** for online yellow pages and online shopping.

ADVANTAGE - Provides an efficient technique for facilitating data **updates** to an existing **database** for advertisements.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of online query tool.

pp; 107 DwgNo 4/71

Title Terms: ADVERTISE; DATABASE; UPDATE; METHOD; YELLOW; PAGE;  
CONSTRUCTION; UPDATE; COPY; TERM; **LIST** ; IDENTIFY; INDEX; PRIMARY;  
DATABASE; PRODUCE; UPDATE; COPY; ADVERTISE; REPOSITORY

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI



16/5/19 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013918501 \*\*Image available\*\*  
WPI Acc No: 2001-402714/200143  
XRPX Acc No: N01-297219

Document editing apparatus for computer, searches identifier from the  
dictionary based on input new character and extracts corresponding  
information from memory using assigned keywords

Patent Assignee: SONY CORP (SONY )  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001125894	A	20010511	JP 99308047	A	19991029	200143 B
CN 1297208	A	20010530	CN 2000137009	A	20001029	200156

Priority Applications (No Type Date): JP 99308047 A 19991029

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001125894	A		39	G06F-017/22	
CN 1297208	A			G06F-017/22	

Abstract (Basic): JP 2001125894 A

NOVELTY - The information identifier corresponding to multimedia  
information stored in the memory, is registered in word **dictionary** .  
Keywords corresponding to data to be read from **dictionary** and  
identifier are matched and stored in **table** . When **new** character is  
input, the identifier is searched from the **dictionary** and  
corresponding information is extracted from memory and is displayed.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following:

(a) Document editing method;

(b) Program recoding medium

USE - For editing documents in word processor, computer, portable  
input device during language conversion.

ADVANTAGE - Enables producing intermingled multimedia documents  
easily at high speed, by providing keywords for each type of  
information.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of  
document editing apparatus (The drawing includes non-English language  
text).

pp; 39 DwgNo 1/28

Title Terms: DOCUMENT; EDIT; APPARATUS; COMPUTER; SEARCH; IDENTIFY;  
**DICTIONARY** ; BASED; INPUT; NEW; CHARACTER; EXTRACT; CORRESPOND;  
INFORMATION; MEMORY; ASSIGN; KEYWORD

Derwent Class: T01

International Patent Class (Main): **G06F-017/22**

International Patent Class (Additional): **G06F-003/14 ; G06F-009/06**

File Segment: EPI

Set	Items	Description
S1	2549561	TABLE? OR MATRIX? OR LIST? ? OR CHART? ? OR GRAPH? ? OR TU- PLE? OR SPREADSHEET?
S2	30360	(NEW OR REVIS? OR NEWER OR LATEST OR LAST OR MOST()RECENT?- ) (3N)S1
S3	1038	S1(3N) (OLDER OR OLDEST OR PAST OR EXPIRED OR INVALID OR UN- REVISE?)
S4	39683	DICTIONAR? OR LEXICON? OR (WORD OR WORDS OR TERM OR TERMS - OR PHRASE?) () (LIST OR LISTS OR DATABASE? OR DB OR OODB OR DAT- A() (BASE? OR BANK?) )
S5	1	S2 AND S3 AND S4
S6	76	S2 AND S4
S7	7	S3 AND S4
S8	2527	S4 AND (VERSION? OR UPDAT? OR UP() (DATE? OR DATING) OR REV- IS?)
S9	1005	S8 AND (DOCUMENT? OR DATABASE? OR DB OR OODB OR RDB OR DAT- A() (BASE? OR BANK?) OR DATABANK?)
S10	19368	(DOCUMENT? OR DATABASE? OR DB OR DBS OR OODB? OR RDB? OR D- ATA() (BASE? OR BANK?) OR DATABANK? OR RECORD? ? OR PLAN OR PL- ANS OR DESIGN) (3N) (VERSION? OR UPDAT? OR UP() (DATE? OR DATING) OR REVIS)
S11	118	S10 AND S4
S12	19	S1 AND S11
S13	101	S6 OR S7 OR S12
S14	82	S13 AND (S2 OR S3)
S15	70	RD (unique items)
S16	49	S15 NOT PY>2001
File	8: Ei	Compendex(R) 1970-2005/Mar W2 (c) 2005 Elsevier Eng. Info. Inc.
File	35: Dissertation	Abs Online 1861-2005/Feb (c) 2005 ProQuest Info&Learning
File	65: Inside	Conferences 1993-2005/Mar W3 (c) 2005 BLDSC all rts. reserv.
File	2: INSPEC	1969-2005/Mar W2 (c) 2005 Institution of Electrical Engineers
File	94: JICST-EPlus	1985-2005/Feb W1 (c) 2005 Japan Science and Tech Corp(JST)
File	111: TGG Natl.	Newspaper Index(SM) 1979-2005/Mar 23 (c) 2005 The Gale Group
File	6: NTIS	1964-2005/Mar W2 (c) 2005 NTIS, Intl Cpyrghrt All Rights Res
File	144: Pascal	1973-2005/Mar W2 (c) 2005 INIST/CNRS
File	34: SciSearch(R)	Cited Ref Sci 1990-2005/Mar W3 (c) 2005 Inst for Sci Info
File	99: Wilson Appl.	Sci & Tech Abs 1983-2005/Feb (c) 2005 The HW Wilson Co.
File	95: TEME-Technology	& Management 1989-2005/Feb W2 (c) 2005 FIZ TECHNIK

16/5/23 (Item 7 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5601936 INSPEC Abstract Number: B9707-6120B-037, C9707-7140-083

**Title: Conversion table between ICD-9 and ICD-10**

Author(s): Zaiss, A.; Schulz, S.; Graubner, B.; Klar, R.

Author Affiliation: Dept. of Med. Inf., Albert-Ludwigs-Univ., Freiburg, Germany

Conference Title: Medical Informatics Europe '96: Human Facets in Information Technologies p.193-7

Editor(s): Brender, J.; Christensen, J.P.; Scherrer, J.-R.; McNair, P.

Publisher: IOS Press, Amsterdam, Netherlands

Publication Date: 1996 Country of Publication: Netherlands  
xxviii+1122 pp.

Material Identity Number: XX97-00320

Conference Title: Proceedings of Medical Informatics Europe '96 (ISBN 90 5199 278 5)

Conference Date: 1996 Conference Location: Copenhagen, Denmark

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: In January 1998 encoding of the diagnoses of all inpatients will change from ICD-9 to ICD-10. This necessitates the conversion of ICD-9 codes to ICD-10 codes and vice versa for different purposes. We present a first version of conversion tables between ICD-9 and ICD-10 for interactive use by physicians. The basic method to construct these tables was a modified vector space text retrieval method using word stems. Stemming was done by a **lexicon** based method on all available texts for ICD-9 and ICD-10. The first output was an automatic generated list of weighted mappings which was filled up by published mappings. Finally the **list** was **revised** manually. Doing this took us three months to generate the presented tables. The main results are: direct mapping from ICD-9 to ICD-10 can be done in 65%, from ICD-10 to ICD-9 in 85%. The next version of the tables will have an improved quality, a higher rate of direct mappings from ICD-10 to ICD-9 and more marked automatic mappings and will be released at the end of 1996. Then it should be possible to convert ICD-10 codes automatically into ICD-9 codes. It seems impossible to map from ICD-9 to ICD-10 automatically. The presented vector space text retrieval method is also very helpful to encode complete diagnosis or treatment phrases e.g. direct out of the discharge summary into a corresponding classification. (12 Refs)

Subfile: B C

Descriptors: encoding; medical diagnostic computing; word processing

Identifiers: conversion table; ICD-9; ICD-10; interactive use; physicians; modified vector space text retrieval method; word stems; **lexicon** based method; automatic generated list; weighted mappings; direct mapping; marked automatic mappings; vector space text retrieval method; complete diagnosis; treatment phrases

Class Codes: B6120B (Codes); C7140 (Medical administration); C7330 (Biology and medical computing); C6130D (Document processing techniques)

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16/5/28 (Item 12 from file: 2)

DIALOG(R) File 2:INSPEC

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4584576 INSPEC Abstract Number: C9403-6170-011

**Title: Knowledge base maintenance based on lexical technique and its reorganization**

Author(s): Jin Youdao; Sun Hu; Jin Kezhi

Author Affiliation: Dept. of Mech. Eng., Wuhan Univ. of Technol., China

Conference Title: ICARCV '92. Second International Conference on Automation, Robotics and Computer Vision p.A1-1.2/1-3 vol.3

Publisher: Nanyang Technol. Univ, Singapore

Publication Date: 1992 Country of Publication: Singapore 3 vol. (viii+934+viii+861+vii+908) pp.

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Conference Date: 16-18 Sept. 1992 Conference Location: Singapore

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Theoretical (T)

Abstract: Focuses on introducing the knowledge base (KB) maintenance methods based on the lexical technique which has been used in the interactive knowledge acquisition template of stone technology equipment expert system (STEES) and rule-based expert system skeleton (RESS) developed by the authors. The lexical technique creatively uses the goodness-of-fit of the ASCII code **tables** of the **new** statement and the old one for operation. The **lexicon** can be set up dynamically, which is not only very useful to build the first KB in some fields, but also can be used in the design of natural language interface and the fuzzy indexing. Moreover, the paper also introduces KB statistical tracing and its automatic reorganization technique in RESS, which improves the efficiency of searching and reasoning, and can overcome some deficiencies in the common conflict solving tactics. (8 Refs)

Subfile: C

Descriptors: inference mechanisms; knowledge acquisition; knowledge based systems; search problems

Identifiers: **lexicon**; goodness of fit; reasoning; knowledge base maintenance; interactive knowledge acquisition template; stone technology equipment expert system; STEES; rule-based expert system skeleton; ASCII code tables; natural language interface; fuzzy indexing; statistical tracing; automatic reorganization; common conflict solving

Class Codes: C6170 (Expert systems); C1230 (Artificial intelligence)

Set	Items	Description
S1	721610	TABLE? OR MATRIX? OR LIST? ? OR CHART? ? OR GRAPH? ? OR TU- PLE? OR SPREADSHEET?
S2	3777	(NEW OR REVIS? OR NEWER OR LATEST OR LAST OR MOST()RECENT?- ) (3N)S1
S3	393	S1(3N) (OLDER OR OLDEST OR PAST OR EXPIRED OR INVALID OR UN- REVISE?)
S4	22966	DICTIONAR? OR LEXICON? OR (WORD OR WORDS OR TERM OR TERMS - OR PHRASE?) () (LIST OR LISTS OR DATABASE? OR DB OR OODB OR DAT- A() (BASE? OR BANK?) )
S5	0	S2 AND S3 AND S4
S6	34	S2 AND S4
S7	2	S3 AND S4
S8	1094	S4 AND (VERSION? OR UPDAT? OR UP() (DATE? OR DATING) OR REV- IS?)
S9	317	S8 AND (DOCUMENT? OR DATABASE? OR DB OR OODB OR RDB OR DAT- A() (BASE? OR BANK?) OR DATABANK?)
S10	8662	(DOCUMENT? OR DATABASE? OR DB OR DBS OR OODB? OR RDB? OR D- ATA() (BASE? OR BANK?) OR DATABANK? OR RECORD? ? OR PLAN OR PL- ANS OR DESIGN) (3N) (VERSION? OR UPDAT? OR UP() (DATE? OR DATING) OR REVIS)
S11	89	S10 AND S4
S12	21	S1 AND S11
S13	56	S6 OR S7 OR S12
S14	48	S13 AND IC=G06F?
S15	31	S14 AND IC=(G06F-017? OR G06F-012?)
S16	27	S15 NOT AD>20011221
S17	29349	S1(3N) (SECOND OR 2ND OR ADDITIONAL? OR ANOTHER? OR TWO OR - BOTH OR PAIR)
S18	4	S9 AND S17
S19	82	S9 AND S10
S20	2	S19 AND (NETWORKED OR SHARED OR GROUPWARE? OR WORKGROUP? OR DISTRIBUTED)
S21	6	S20 OR S18
S22	4	S21 NOT S14
S23	4	IDPAT (sorted in duplicate/non-duplicate order)
S24	4	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Nov 1976-2004/Nov(Updated 050309)

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File 350:Derwent WPIX 1963-2005/UD,UM &UP=200519

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24/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02875528 \*\*Image available\*\*  
FILE PROCESSING SYSTEM

PUB. NO.: 01-173128 [JP 1173128 A]  
PUBLISHED: July 07, 1989 (19890707)  
INVENTOR(s): AKATA YUKIO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 62-330072 [JP 87330072]  
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INTL CLASS: [4] G06F-007/28  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);  
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October 09, 1989 (19891009)

#### ABSTRACT

PURPOSE: To quickly cope with a non-routine job, etc., by handling an existing file as a virtual table (relational **data base** file).

CONSTITUTION: A 1st relational arithmetic command instructs a case where the files to be processed are handled as the relational base tables (virtual tables) A-TBL and B-TBL. While a 2nd command instructs the relational arithmetic processes applied to **both tables** A-TBL and B-TBL. Then a **dictionary** describing the logical constitution of the file instructed by the 1st arithmetic command is produced. While the reference is given to the **dictionaries** corresponding to **both tables** A-TBL and B-TBL pointed by the 2nd arithmetic command. In such a way, the file where the logical constitution is described into the **dictionary** is used as a virtual table for the execution of the retrieval/ **updating** via the designated relational arithmetic process. Thus it is possible to quickly cope with a non-routine job, etc.